

## **ABSTRACT**

A financial simulation computer program product and method to generate a graphic user interface at a workstation which creates a project preparation, negotiating, and testing environment using standard project finance tools. A computer usable medium having computer-readable program code is embodied in a medium for generating financial statements, financial data, charts, graphs and reports using the standard project finance tools. The product and method allow the user to automatically generate and manually edit one variable interest rate time series (scaleable to more reference variable interest rate time series as computing power increases). The user can also choose for an individual loan a fixed interest rate, a variable interest rate or a manual interest rate. A three-stage production process can be specified. An intermediate product can be used as input for next stage or can be sold. Intermediate produce can be procured to prevent production losses due to shortfall of intermediate product. Furthermore, a joint production process can be specified.